

# The DX Bulletin

• America's Oldest Weekly Amateur Radio Publication •

Issue 393 - June 26, 1987

## DXpedition News

Afghanistan - YA Rumors continues to pour out of Russia concerning a legitimate Afghanistan operation "in July." For example, Jim UZ4FWE reported that YA1AP will be activated by some Russians soon.

Meanwhile several YA stations have been logged in the US, including YAØEBL on June 15th (14048 kHz at 0640Z). With Afghanistan 7th on TDXB's Most Wanted list, rumors abound; maybe one of them will pan out.

Tunisia - 3V Another unknown quantity is 3V8AQ, who claimed he was outside Tunis, QSL via IK8DYD. He was logged on 14013 kHz at 2230Z on June 17th. It's been a long time since the last legit 3V operation.

United Arab Emirates - A6 A61AB has been worked on 14226 at 2130Z, and 14222 at 2100Z. QSL WA3HUP.

St. Paul - CY9 According to W1AW, George Collins VE3FXT will be on from NA-10 as CYØSPI for the next month. No reports yet. QSL home call.

Malagasy - 5R TU2NP will be on AF-13 for two months, signing 5R8JD.

Juan Fernandez - CEØ G3CWI (ex-VP8ANT) will be on SA-05 soon, and hopes to get on the air.

Cocos-Keeling - VK9Y DXNS says Komppa OH5VD will be on from OC-03 this week, especially on 14195 KHz, and 40 meters.

Faroës - OY G3MCN and G3TZQ will be OY/7-13 July on 3795, 7070, 14195, and 21295 kHz, listening 5-10 up. Tnx DXNS.

Nauru- C2 C21XX is very active on 40 SSB. Watch 7163 kHz at 06-0700Z. QSL Eddie Deyoeng, P O Box 17, Republic of Nauru. He'll be there about one year.

Cocos - TI9 Carlos TI2CF and TI2US wrapped up a very active TI9 operation, with plenty of QSOs on the DXpedition frequencies on 20. QSL TI9CF to W3HNK.

Montserrat - VP2M Alex VP2MM and Rick VP2MIU says they'll accept skeds for their July 4-10 Last Resort trip at (305) 564-4327 after 2300Z. QSL to AB1U.

## Shortly Noted

- Bert 5AØA wrapped up his prolonged Libya operation with a burst of 80 M activity, on 3507 kHz around 0200Z. Send your QSLs to Wieslaw Ziolkowski P O Box 253, 50-950 Wroclaw 2, Poland. No callsigns.
- UN Peace Keeping force member OE8HFL/YK has been on 14215 kHz at 0400Z. Counts for Syria for DXCC.
- Jack W4LCL, who was very active as YBØACL, is off to Jordan for a extended assignment. He hopes to be on 80-10 meters starting in a couple of months.
- Pacific: KC7V was active from KC6MF (West Carolines) /KHØ /KH2 recently. QSL home call. And WA6VNR's trip to the Pacific (see I391) is set for 1988, not 1987.
- ZL8HV on Raoul Island (OC-39) in the Kermadecs has been on 14195 at 0400Z.
- 7J1ACH on Minami Torishima (OC-73) leaves next month. Catch him now: 14189 at 1200Z.
- Mike NS7Z operated BY9GA in mid-June, including the W7PHO net. QSL home call.
- The Brown Sugar Net on 14309 at 0300Z attracts many Pacific goodies, including VKØGC 5W1GF 3D2JO ZL7AA KH9AC KC6HA and DXpeditioners such as YJØARW and ZK1XV.

## Golden Jubilee DXCC

- K2OLG has already worked 65 countries on 10 meters in 1987, in his bid for a 10 meter Golden Jubilee.
- W9DH is very near the 200 country level in 1987. How many other The DX Bulletin readers have worked 200+ in '87?
- Readers recently finishing up their first 100 in '87 include WA1NPZ WG5G/QRP (5 watts) K9DFK and WØRT.

## The 1987 Most Wanted Survey

Included with this issue is your Most Wanted Countries survey form. Please take a minute to complete the form and return it to The DX Bulletin today! Thanks. -ed.

— Chod Harris VP2ML Editor

# PROPAGATION

## Forecast and Historical Data

Day	Forecast	27 Days Before				55 Days Before			
		Date	Flux	A	K	Date	Flux	A	K
June	Low Normal	5/30	76	10/16	2	5/2	80	10/10	1
26	Low Normal	5/31	75	15/18	3	5/3	83	10/10	2
27	High/Low	6/1	76	08/14	1	5/4	83	08/09	2
28	High/Low	6/2	76	10/10	1	5/5	85	08/07	2
29	High/Low	6/3	74	04/07	1	5/6	86	07/06	1
30	High/Low	6/4	75	08/12	1	5/7	87	08/10	2
July	High/Low	6/5	74	05/12	2	5/8	87	05/06	1
1	Disturbed	6/6	74	20/40	3	5/9	86	05/07	1
2	High/Low	6/7	74	07/11	3	5/10	88	12/14	3
3	High/Low	6/8	75	05/09	3	5/11	85	06/06	2

Thanks N4XX and KH6BZF

## Propagation Watch

We may have used up our good propagation luck for the next few months. After excellent band conditions in April and May, June has settled back to a pace more typical of this part of the sunspot cycle. Solar flux has been hovering in the 70-80 range, and is not expected to break out of that area in the foreseeable future. And absorption has been kicking up, with some actually rotten days.

Region 4811, the sunspot group that brought much of the DXcitement in May faded rapidly, and did little to enliven the bands this time around. Two other small sunspot groups disappeared on the solar disc, so we are faced with the prospect of a spotless sun, unless something unexpected shows up. More likely sunspot numbers for the next few months will hover around 15-20, rather than the 30-40 of the past two months. This will leave the question of the actually starting date of Cycle 22 still undetermined for a few more months.

Sunspot cycles typically take about one year from their start to double the smoothed sunspot count. If Cycle 22 really did begin in the Fall of 1986, then we should have significantly better band conditions by the end of this year. Cycles average about four years from start to peak, and then taper off more slowly. So for those looking ahead, the early 1990's look like a great time to be DXing on the higher frequencies.

Meanwhile, keep an ear on WWV at 18 minutes after the hour for the latest solar information. We could be pleasantly surprised with another burst of solar activity at any time. Good DXing!

[PS: no N4XX forecast this week; above guesses are yours truly! -ed.]

# QSL INFORMATION

## QSL Help Wanted

- C30BBE for N1ACH. Neither OH2TY nor OH6XY has responded. Anyone get a card from this one?
- TN8AH March 1983 and 7X9AMC December 1983, for KE7X.
- VP8MH in December 1983 for WØYVA/4.

## QSLs Received

- Bureau: BY4AA VK0SJ JH4RHF/T32
- Direct: ZK2EKY 9M8PV CEØGHO 9K2DX YI1BGD HV3SJ FT8WA CN2AH (22 days)
- Manager: 3Y1EE 3Y2GV

- and in the Never Give Up category, Warren K2UFM just got a card from FQ8AF via F9EP, for a QSO in March of 1960! This boosted his all-time DXCC total to 326, thanks to The DX Bulletin. Congratulations, Warren.
- Finally, Bill W7YS got a letter back from the Central Radio Club of the USSR in reply to his letter about non-receipt of QSLs from UI8ADF. Since the letter is in Russian, we haven't figured out what it says yet, but there weren't any QSLs in the envelope.

## Upcoming DX Gatherings

Saturday, July 26 marks the Eastern Iowa DX Association annual Summer Dinner, in Cedar Rapids, Iowa. Cocktails at 6, program and prizes start at 8 pm. \$12.50 per person including taxes and tip. The program features Ralph Gearhart KAØVAA and his sailing DXpedition to Portugal and the Caribbean. Contact Dale Repp WØIZ, 1618 Texas Avenue NE, Cedar Rapids IA 52402 for reservations (with SASE, please.)

The New England DXCC Association will hold their annual dinner on October 10, to mark their 35th anniversary. The program begins at the Masonic Lodge in Concord, MA at 2pm, with dinner at 6:30pm. K1MM and K1MEM will talk about their highly successful trip to the Ivory Coast and Senegal this Spring. For more information, contact Joe Poges W1EED, 144 Broadway, Wakefield MA 01880.

[Those are popular dates for DX gatherings. The Northwest DX Convention is July 25-26th, and DXPO in Atlanta is October 10-11. -ed.]

## Note from North Yemen

Jerry Jensen N5GJL has returned from his stint in North Yemen, where he operated as 4W1AA. He writes:

"I was to bring back the radio permit as well as other info as required for DXCC, but with the new job here [in Dallas] I will not return to Yemen. The authorities will allow the importation of a radio for special oil company purposes, but it is with great difficulty. They once held me at the airport security because of a Sony 2001 receiver I brought with me; a spy radio. I secured permission [to operate] by establishing a close rapport with Yominco, the oil company/government liaison. My frequencies were well monitored and QSOs were limited to RST, QTH, and name only. The only big problem was the QRM I got as soon as I signed "...this is 4W1AA." Most of the jamming was from Italy asking to listen to friends or brothers. When it got bad, I shut the station down, much to the disappointment of other operators. I also had a bogus station operating CW with my call. The ICOM-M700 I was using has no CW capabilities, and I had to disappoint a few other operators who claimed contact with me on CW."

"I hope this brief letter will help clarify any operations from Yemen in the past."

Jerry goes on to say that another communications engineer will be going to Yemen in the near future, and he might try to get on the air as well. The DX Bulletin will follow up on this, and keep you posted.

## Islands On The Air

Summer is IOTA time. Monitor 14260 kHz, especially weekends at 1300Z, for IOTA DXpeditioners and enthusiasts. And get your IOTA directory and rules from The DX Bulletin for \$3 postpaid. Watch for:

- UAØBCO on Vize Is. (AS-55) 14027 at 1130Z.
- HL4IID from Cheju Is. (AS-26) 14085 RTTY at 0803Z.
- XE2BJC from Cedros Is. (no IOTA number yet) 40 M.
- YU2SF from Brac Is. (EU-16) 20 M CW at 0130Z.
- Italians from Correni Is. (EU-25) June 27-28.
- and I2DMK and others who were /IE9 from Ustica Is. (EU-51) in WPX can be confirmed via I2MQP.

-Bandpass Cont. from P 3-	HA8CF	28025	1925	13	FL
YU7KMN 21250 1744 18 CA	JY9RL	28538	2219	13	NY
ZK1XV 21315 0014 18 CA	LU9DUW	28027	2039	8	MT
ZL1BSG 21025 0307 13 IL	T32BF	28398	0303	11	CA
ZY4VD 21288 2005 15 CA	T32BF	28397	0211	15	MT
-----10 Meters-----	ZB2FK	28548	2230	8	NJ
4Z4ZW 28553 2245 8 NJ	-----6 Meters-----				
C31LBL 28538 2219 13 NY	KH6IAA	50108	2023	15	CA
CN2AQ 28535 2130 8 NJ	KH6IJ	50108	2051	15	CA
EA9IB 28504 2240 9 NJ	KL7NO	50110	2340	9	CA

# BANDPASS

Reports Wanted,  
Especially RTTY, 30 meters

-----RTTY-----

		-----20 Meters-----				
9M2SS	14094	1215	17	CA	129B	14227 1520 12 CA
CN8BX	14086	2254	13	CA	3B8CF	14033 0315 8 MO
EA8QZ	14086	2323	12	CA	3C1MB	14240 2300 15 CA
FE6HJI	14088	1035	10	OH	3C1MB	14000 2153 19 FL
FO4LQ P	14107	0817	10	ND	3C1MB	14244 2233 6 OH
HC5K	14091	2356	15	CA	3D2ER	14212 0449 13 MN
HI8EL	14092	0130	13	OR	3D2ER	14212 0449 13 MN
HL4IID	14085	0839	12	OR	3D2JO	14309 0419 13 MN
LA1K P	14107	0128	11	ND	3D2JO	14220 0709 18 CA
OA4BR	14088	2316	9	ND	3V8AQ ?	14010 2242 17 CA
OD5NG	14085	0325	11	OH	3V8AQ ?	14010 2215 18 CA
OD5NG	14088	0316	9	CA	4S7NBT	14004 1336 10 OR
P29JD	14096	0710	14	OR	4S7VK	14214 1417 8 MT
RA3AL	14087	0400	10	ND	4S7WP	14001 1504 11 OR
TL8CK	14089	2323	15	CA	HU1UN	14245 1505 13 MN
UZ3AYR	14088	1712	16	CA	4X1FQ	14226 0345 12 CA
VK2AKP	14080	0330	12	OH	4X1FQ	14178 0245 8 MO
VU2SVJ	14094	1450	12	CA	4X1IK	14205 2131 10 WI
XQ1ADG P	14107	0251	13	ND	4X6RA	14175 0400 10 MT
Y21RO	14092	2350	10	OH	4X6TT	14225 0025 12 MT
YB5NOF	14084	0900	12	CA	4Z4DX	14002 0324 17 CA
ZK1CG	14093	0336	10	CA	5A0A	14267 2037 13 VT
ZK1CG	14078	0411	9	CA	5B4TI	14214 0321 11 MN
		-----160 Meters-----				
DLØMZ/P	1829	0200	7	MI	5B4TI	14183 0133 16 CA
FP/K1RH	1828	0315	8	MI	5H3RB	14175 2001 13 NY
LU8DPM	1834	0930	10	MI	5N4TME	14174 0014 14 CA
ZL2SQ	1832	1000	10	MI	5T5NU	14226 2139 14 MA
		-----80 Meters-----				
YJØARW	3506	0947	6	CA	5Z4PT	14248 2200 6 OH
YJØARW	3506	0735	7	FL	7Q7CH	14180 0230 11 MO
		-----40 Meters-----				
4K1AS	7012	1400	13	ID	7Q7CH	14055 1710 14 VT
4S7RO	7003	1241	12	ID	8Q7CH	14179 0215 16 MA
6W6JX	7085	0625	16	MT	8Q7CH	14026 0239 6 MO
8R1J	7005	1014	15	FL	9K2KW	14226 2115 10 CA
BY4RN	7002	1410	13	ID	9K2KW	14193 2329 17 CA
C05RCB	7011	0054	9	FL	9M2CW	14025 1430 13 MN
CU2AT	7085	0633	16	MT	9M2CW	14160 1347 15 MT
FG5XC	7000	0954	8	CA	9M2LE	14014 1611 14 MT
FM5BH	7006	1610	16	FL	9N1MC	14167 0210 10 MT
FP/K1RH	7005	0414	13	ID	9Q5NW	14178 1910 10 MT
FR5ES	7005	1309	10	OR	9V1VB	14004 1405 16 MT
FR5ES *	7004	1325	12	ID	A4XKC	14237 0258 16 MA
HI3JEI	7007	1040	9	FL	A61AB	14226 2125 14 MA
HL4CAM	7008	1301	12	ID	A92BE	14158 0325 11 MN
JA1CPX	7028	1030	14	MI	A92BE	14155 0204 19 MA
KC6MF	7005	1145	12	MI	A92BE	14179 0348 9 OR
KHØ/KC7V	7008	1100	13	MI	AP2ZA	14162 1444 8 OR
KH2/NY6M	7005	1346	13	MT	AP2ZA	14004 1325 10 MT
KH2D	7003	1315	10	OR	BV/DL7FT	14196 1230 13 NJ
NH2/KC7V	7003	1003	16	FL	BV2DA	14005 1258 12 MT
OX3BV	7007	0202	11	MO	BV2DA	14005 1314 14 MT
TI9CF	7005	0450	16	CA	BV2DA	14005 1244 15 MT
TI9CF	7085	0630	16	MT	BV2DA	14003 1203 16 CA
VS6DO	7002	1307	10	OR	BV6IA	14185 1330 15 MT
		-----30 Meters-----				
JH2FKX	10103	1100	15	MI	BY7KT	14010 1315 10 MT
RL9MM	10105	0220	11	MI	BY9GA	14227 1452 14 CA
UZ6PWG	10105	0215	11	MI	BY9GA	14226 1520 15 MT
VK3MR *	10104	0035	14	MI	C31LBB	14012 2259 13 FL
YJØARW	10103	1200	10	MI	C31LBL	14160 2300 12 OH

**Key to Bandpass:** Callsign, frequency, UTC, day of month, state. \* = long path, P = Packet. All 'portable' calls are listed with country of operation first, regardless of format used on the air.

		-----20 Meters-----				
C31LD	14237	0045	19	MA	CEØFFD	14035 0100 15 MI
CEØFFD	14035	0100	15	MI	CN2AQ	14192 2315 7 MI
CN2AQ	14008	0635	14	CA	CO2PY	14008 0635 14 CA
CO2PY	14160	1326	15	MT	DU9RG	14160 1326 15 MT
DU9RG	14212	2117	12	MT	ED5VFA	14033 2238 13 FL
ED5VFA	14033	2238	13	FL	ED9EXP	14027 2240 16 FL
ED9EXP	14027	2240	16	FL	FH8CB	14212 0152 8 MI
FH8CB	14027	0537	14	IL	FKØAT	14027 0537 14 IL
FKØAT	14160	0454	13	MN	FKØAW	14160 0454 13 MN
FKØAW	14021	0529	10	MT	FK8EJ	14021 0529 10 MT
FK8EJ	14022	0440	13	MN	FK8FN	14022 0440 13 MN
FK8FN	14010	0330	12	OH	FK8FS	14003 0307 13 WI
FK8FS	14003	0307	13	WI	FK8FS	14003 0307 13 WI
FK8FS	14001	0342	16	MN	F05JL	14001 0342 16 MN
F05JL	14004	0204	13	IL	FP/K1RH	14004 0204 13 IL
FP/K1RH	14226	1939	16	CA	H2ØLL	14210 0526 15 CA
H2ØLL	14173	0230	8	MO	HKØNKH	14173 0230 8 MO
HKØNKH	14015	1228	15	MN	HL1CG	14196 0242 19 CA
HL1CG	14220	1544	20	CA	HSØB	14238 1045 11 OH
HSØB	14238	1045	11	OH	HZ1AB	14007 0559 10 FL
HZ1AB	14179	0054	18	MA	HZ1AB	14179 0054 18 MA
HZ1AB	14191	0322	18	CA	HZ1AB	14191 0322 18 CA
HZ1AB	14196	0242	19	CA	UF6FBI	14000 2151 19 FL
UF6FBI	14002	1236	10	WI	UF7FWA	14010 1755 12 NY
UF7FWA	14026	0247	6	MO	UH8AAU	14027 0141 9 FL
UH8AAU	14027	0141	9	FL	UH8BZ	14193 0748 13 CA
UH8BZ	14193	0748	13	CA	UI9BWF	14165 1346 9 CA
UI9BWF	14165	0640	15	CA	UJ8BQ	14025 0114 12 FL
UJ8BQ	14209	0039	13	WI	UL7JZ	14009 0143 12 FL
UL7JZ	14009	0143	12	FL	UL7MAN	14000 0143 12 FL
UL7MAN	14018	1420	12	MT	UL7MG	14041 0050 9 FL
UL7MG	14041	0050	9	FL	UL7NCL	14192 0255 9 OR
UL7NCL	14046	0238	14	MN	UL7OB	14167 0155 13 CA
UL7OB	14046	0238	14	MN	UL7VAD	14167 0155 13 CA
UL7VAD	14046	0238	14	MN	UL8CWW	14167 0155 13 CA
UL8CWW	14046	0238	14	MN	UP1BYC	14178 0520 16 CA
UP1BYC	14178	0520	16	CA	UVØEX	14193 0748 13 CA
UVØEX	14227	2250	9	CA	UZ9CWW	14213 1320 15 CA
UZ9CWW	14213 1320 15 CA				YU1SS	14165 1346 9 CA
YU1SS	14048	0640	15	CA	YAØEBL !	14028 1120 14 MI
YAØEBL !	14028 1120 14 MI				YBØDPO	14183 2019 18 CA
YBØDPO	14183 2019 18 CA				YI1BGD	14165 1346 9 CA
YI1BGD	14165 1346 9 CA				YK /	14215 0412 13 NY
YK /	14215 0412 13 NY				OE8HFL	14164 1832 14 MA
OE8HFL	14164 1832 14 MA				YN3CC	14010 1311 7 FL
YN3CC	14010 1311 7 FL				YS1MAE	14167 0155 13 CA
YS1MAE	14167 0155 13 CA				ZD8RP	14160 2150 12 MT
ZD8RP	14160 2150 12 MT				ZK1XV	14220 0209 14 CA
ZK1XV	14220 0209 14 CA				ZK1XV	14220 0228 8 MI
ZK1XV	14220 0228 8 MI				ZL7AA	14309 0343 10 CT
ZL7AA	14309 0343 10 CT				ZL7TZ	14019 0350 12 OH
ZL7TZ	14019 0350 12 OH				ZL8HV	14175 0340 14 CA
ZL8HV	14175 0340 14 CA				ZP5JCY	14219 0030 13 CA
ZP5JCY	14219 0030 13 CA				ZP5LOY	14025 0009 14 CA
ZP5LOY	14025 0009 14 CA				-----15 Meters-----	
-----15 Meters-----					CEØFFD	21029 2314 18 FL
CEØFFD	21029 2314 18 FL				EA6/G6ZY	21025 1955 13 FL
EA6/G6ZY	21025 1955 13 FL				EA8BJU	21027 1953 13 FL
EA8BJU	21027 1953 13 FL				FK8FN	21020 0222 8 CA
FK8FN	21020 0222 8 CA				ISØSQJ	21023 1957 13 FL
ISØSQJ	21023 1957 13 FL				KH3/NH6D	21028 2359 17 CA
KH3/NH6D	21028 2359 17 CA				VP2MPD	21300 1710 15 CA
VP2MPD	21300 1710 15 CA				-Bandpass Cont. on Page 2-	

State \_\_\_\_\_  
City \_\_\_\_\_  
Address \_\_\_\_\_

Zip + 4 or \_\_\_\_\_  
Country \_\_\_\_\_  
Postal Code \_\_\_\_\_

Name \_\_\_\_\_  
Address \_\_\_\_\_  
Call sign \_\_\_\_\_

Expires \_\_\_\_\_ Signature \_\_\_\_\_

( ) Check enclosed OR ( ) Visa account # \_\_\_\_\_  
Charge my MasterCard /

\$50 Overseas Airmail Overseas subscribers: send U.S. cash, postal money order or check drawn on U.S. bank.

\$28 Second-Class Mail to Lower 48 States \$35 First-Class Mail

Subscription rates for fifty (50) issues are:

( ) Start a new subscription effective immediately. ( ) Renew my subscription.

## FIRST CLASS MAIL

U.S. Postage Paid  
First Class  
Permit No. 550  
Santa Rosa, CA

816 Fourth Street, Suite 1001  
Santa Rosa, CA 95404

U.S.A.

## The DX Bulletin

### CALENDAR

Issue 393 - June 26, 1987

(Changes and hot info in boldface.)

Afghanistan - YA	YA1AP soon?	I393	Qatar - A7	A71BK 20 SSB 02-04Z	I389	
Algeria - 7X	7X2LS 20 SSB 01-03Z	I389	Russians - U/R	Lots 0200, 1500Z	I383	
Andorra - C3	C3ØLEF Jun 20-Jul 15	I384	St. Paul - CY9	CYØSPI by VE3FXT ?	I393	
Aves - YVØ	C33A August 5-31	I384	St. Vincent - J8	W8KKF July 7-12	I391	
Bahrain - A9	W6JKV June 23-28 VHF	I391	Sao Tome - S9	S92LB 14157 1930Z	I390	
Calf of Man Is GD	A92BE 14150+ 0300Z	I390	Saudi Arabia HZ	HZ1AB 20 SSB 02-03Z	I392	
Christmas - T32	July 4-6 all bands	I392	Sri Lanka - 4S	4S7RO, EA 01-02Z or		
China - BY	T32BF 14178 02-04Z	I386	Svalbard - JW	15-1600Z 20 SSB	I388	
Cocos-Keeling	14025-30 0030-0200Z	I378	Syria - YK	SP5EXA/JW Now-Aug	I374	
Corsica - TK	VK9Y by OH5VD now	I393	Thailand - HS	OE8HFL/YK 14215 04Z	I393	
Crete - SV9	HB9TL Jul 15-Aug 8	I391	weekends	HSØA in contests, HSØB		
Crozet - FT8W	by DLs Jun 25-Jul 15	I391	Tunisia - 3V	I371		
Easter Is - CEØ	FT8WA 14236 0400Z	I389	United Arab Em	3V8AQ ? 20CW 2230Z	I393	
Eq. Guinea - 3C	CEØGHO YL 14220 23-0200Z			A61AB 14243 1500Z	I387	
	weekends	I388		14250 0400Z net	I390	
	July 10-19 on CW	I389		14226 at 2130Z	I393	
	3C1MB 14245 or 1400Z			W. Malaysia - 9M2 Many 9M2 14-2600Z	I386	
	after 2300Z	I391		Zaire - 9Q	9Q5NW 14175 1900Z	I392
Faroes - OY	OY7ML 20 M CW 07-08Z	I392	Zone 23	BYØAA 14014 0030-0130		
Fernando - PYØF	G3MCN G3TZD 7-13 Jul	I393				
Juan Fernandez	Early July 5-10 days	I392				
Kermadec - ZL8	CEØ by G3CWI soon?	I393	DX Activities and Contests			
Kuwait - 9K	ZL8HV 14195 0400Z	I393	Date	Event or Activity	Info	
Macquarie - VKØ	9K2DZ 14200 01-0400Z	I389	July 11-12	IARU Radiosport	QST	
Madeira - CT3	14220 at 0400Z	I389	July 25-26	Northwest DX Conv.	I388	
Malagasy - 5R	VKØGC 14309 0300Z	I389	July 26	Eastern IA DX Dinner	WØIZ	
Maldives - 8Q	1831/2 0900Z Monday	I388	Oct. 10-11	DXPO 87 Atlanta GA	WB4ZNH	
Mayotte - FH	VKØML 10 up CW 06Z	I390	Oct. 10	New England DXCC	W1EED	
Minami Tori - 7J	DL4BBO Jul 24-Aug 13	I391				
Montserrat - VP2M	5R8JD by TU2NP	I393				
Nauru - C2	8Q7CH 14180+01-0200Z	I391				
Nepal - 9N	14055 1700Z weekends	I389				
North Cooks - ZK	FH8CB 14212 0030Z	I392				
	7J1ACH 14190+ 1200Z	I392				
	VP2MM, MIU Jul 4-10	I391				
	C21XX 7163 06-0700Z	I393				
	9N1MM 14236 at 0130Z	I384				
	and 0030Z Wed.	I388				
	9N1MC 14200 09-1300Z	I385				
	ZK1XV Pacific nets	I392				

### Contributors

This Issue of The DX Bulletin would not have been possible without the invaluable assistance of the following:  
 KH6BZF, W6TFO, W4VQ, NCDXC, KD7SO, WA6PJR,  
 WA6FIT, KA1XN, AB8K, KØCVD, NW6P, KM9J,  
 W6BJI, KWØA, K7ABV, KE7X, WØLHS, DXNS,  
 KA7T, K2OLG, WA2MZK, N6JM, KA1BSZ, WA1NPZ,  
 KDØJL, WA2BOT, W7YS, NØIZ, W1EED, W4CLC,  
 N1CIX, W9DH, NØJD, WD6HDF, WZ6Z, WB8SFF,  
 K2UFM, W4BAA, W8UVZ, WB1AUW, KA8OUT, AE1H,  
 WA6VNR, DX Family News, and DXPress. Many  
 Thanks to each and every contributor! -ed.